Part Number: **0767619001**

Status: **Active**

Overview: VHDM H-Series Backplane Connectors

Description: VHDM H-Series Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6 Rows, Guide Pin, Signal End Module, Open End Version, 60 Circuits, Pin Length 4.75mm

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)
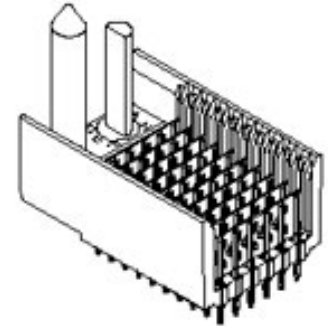
Packaging Specification PK-74058-003 (PDF)

Series image - Reference only

General

Product Family	Backplane Connectors
Series	76761
Application	Backplane
Application Tooling Documents	TM-622010999
Comments	No Keying Position, No Keying Position
Component Type	PCB Header
Overview	VHDM H-Series Backplane Connectors
Product Name	VHDM H-Series
UPC	884982231245

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	7.052/g
Number of Columns	10
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length	1.83mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.80mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	1.00mm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1.0A
Data Rate	6.25 Gbps
Real Signals (per 25mm)	75
Shield Type	Ground Plane Shield

EU ELV
Not Relevant

EU RoHS   China RoHS
Not Reviewed

REACH SVHC
Not Reviewed

Halogen-Free
Status
Not Reviewed

For more information, please visit Contact US

China ROHS	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

Search Parts in this Series

76761 Series

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Signal Pin Inserter Repair Tool	622015700
6-Row Pin and Shield Repair Tool	622015800
6-Row Shield Extraction Tool	622016000
Insertion Module for Advanced Mate Signal Header, 6-Row by 10-Wide, 20.00mm	622020207

| Shielded | Yes |
| Voltage - Maximum | 120V AC (RMS)/DC |

Solder Process Data

| Lead-freeProcess Capability | N/A |

Material Info

Reference - Drawing Numbers

| Packaging Specification | PK-74058-003 |
| Sales Drawing | SD-76761-001 |

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